

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) An adjustable chair (1) arrangement, ~~in particular for a wheelchair,~~ comprising:

a seat (2); and

a back (3);

~~that are pivotally supported in~~

two side members (4, 5) pivotally supporting the seat and the back;

a back pivotal support (15) for each side member;

a seat pivotal support (16) for each side member;

a pair of first link arm connections (13);

a pair of second link arm connections (14);

a link arm (12) connecting a respective one of the first link arm connections to the back and a respective one of the second link arm connections to the seat; and

a kinematic connection ~~and are~~ kinematically ~~interconnected~~ interconnecting the two side members in such manner that an angle between the seat and the back will increase when the back is swivelled backwards about ~~[[its]]~~

the respective back pivotal support in the side members,  
wherein,

~~which~~ the kinematic connection comprises a link connection between the seat and the back, ~~characterised in that~~

the link connection is ~~in the form~~ comprised of  
[[a]] the link arm (12) arranged under the respective back  
and seat pivotal pivot supports (15, 16) ~~of the seat and the back~~ so

i) that [[the]] a distance between the back  
pivotal pivot support (15) and the back link arm connection  
(13) is less than [[the]] a distance between the seat  
pivotal pivot support (16) and the seat link arm connection  
(14), and

ii) that [[the]] an axis of rotation (20) of the  
seat through the ~~seat's~~ seat pivotal pivot support (16) in  
the side members passes essentially through or close to  
[[the]] a user's ~~centre~~ center of gravity (17).

2. (currently amended) An arrangement according  
to claim 1, ~~characterised in that the~~ wherein an axis of  
rotation (19) of the back through the back pivotal pivot

support (15) in the side members passes essentially through the user's hips.

3. (new) The adjustable chair (1) arrangement of claim 1, wherein the chair is a wheelchair.

4. (new) An adjustable chair (1) arrangement, comprising:

a seat frame (9);

a seat (2) attached to the seat frame;

a back (3);

two side members (4, 5);

two rear wheels (6);

two front support-guide wheels (7);

a footrest (8);

a pair of seat swivel fittings (11) fastened to the seat frame (9);

a pair of back swivel fittings (10) fastened to the back (3);

a pair of first link arm connections (13);

a pair of second link arm connections (14);

a link arm (12) connecting each of the back swivel fittings and each of the seat swivel fittings via a

respective one of the first link arm connections to the back and via a respective one of the second link arm connections to the seat;

a seat pivot support (16) for each seat swivel fitting;

a back pivot support (15) for each back swivel fitting,

one of the seat swivel fittings and one of the back swivel fittings fastened to a respective one of the side members by the back pivot support (15) of the one back swivel fitting and the seat pivot support (16) of the one seat swivel fitting;

a kinematic connection kinematically interconnecting the two side members to provide that an angle between the seat and the back will increase when the back is swivelled backwards about the respective back pivot support of the side members, wherein,

the kinematic connection comprises a link connection between the seat and the back,

the link connection is comprised of the link arm (12) arranged under the respective back and seat pivot supports (15, 16) and provide that

i) a distance between the back pivot support (15) and the back link arm connection (13) is less than a distance between the seat pivot support (16) and the seat link arm connection (14), and

ii) an axis of rotation (20) of the seat through the seat pivot support (16) in the side members passes essentially through or close to a user's center of gravity (17).

5. (new) An arrangement according to claim 4, wherein an axis of rotation (19) of the back through the back pivot support (15) in the side members passes essentially through the user's hips.

6. (new) The adjustable chair (1) arrangement of claim 4, wherein the chair is a wheelchair.

7. (new) The adjustable chair (1) arrangement of claim 4, wherein,

each seat swivel fitting (11) projects up from the frame (9), and

each back swivel fitting (10) is L-shaped.

8. (new) The adjustable chair (1) arrangement of claim 4, wherein,

the link arm (12) is an adjustable link arm.

9. (new) The adjustable chair (1) arrangement of claim 4, wherein,

the axis of rotation (20) of the seat through the seat pivot support (16) in the side members passes essentially through the user's center of gravity (17).

10. (new) An adjustable chair (1) arrangement, comprising:

a seat frame (9);

a seat (2) attached to the seat frame;

a back (3);

two side members (4, 5);

a pair of first link arm connections (13);

a pair of second link arm connections (14);

a link arm (12) connecting each of the back swivel fittings and each of the seat swivel fittings via a respective one of the first link arm connections to the back and via a respective one of the second link arm connections to the seat;

a seat pivot support (16) for each seat swivel fitting;

a back pivot support (15) for each back swivel fitting,

one of the seat swivel fittings and one of the back swivel fittings fastened to a respective one of the side members by the back pivot support (15) of the one back swivel fitting and the seat pivot support (16) of the one seat swivel fitting;

a kinematic connection kinematically interconnecting the two side members providing that an angle between the seat and the back will increase when the back is swivelled backwards about the respective back pivot support of the side members, wherein,

the kinematic connection comprises a link connection between the seat and the back,

the link connection is comprised of the link arm (12) arranged under the respective back and seat pivot supports (15, 16) and provide that

i) a distance between the back pivot support (15) and the back link arm connection (13) is less than a distance between the seat pivot support (16) and the seat link arm connection (14), and

ii) an axis of rotation (20) of the seat through the seat pivot support (16) in the side members passes essentially through or close to a user's center of gravity (17).

11. (new) An arrangement according to claim 10, wherein an axis of rotation (19) of the back through the back pivot support (15) in the side members passes essentially through the user's hips.

12. (new) The adjustable chair (1) arrangement of claim 10, wherein the chair is a wheelchair.

13. (new) The adjustable chair (1) arrangement of claim 10, further comprising:

a pair of seat swivel fittings (11) fastened to the seat frame (9); and

a pair of back swivel fittings (10) fastened to the back (3).

14. (new) The adjustable chair (1) arrangement of claim 13, wherein,



each seat swivel fitting (11) projects up from the frame (9), and

each back swivel fitting (10) is L-shaped.

15. (new) The adjustable chair (1) arrangement of claim 10, wherein,

the link arm (12) is an adjustable link arm.

16. (new) The adjustable chair (1) arrangement of claim 10, wherein,

the axis of rotation (20) of the seat through the seat pivot support (16) in the side members passes essentially through the user's center of gravity (17).